

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 58-010350

(43)Date of publication of application : 20.01.1983

(51)Int.Cl.

H01J 11/02

(21)Application number : 56-097745

(71)Applicant : FUJITSU LTD

(22)Date of filing : 23.06.1981

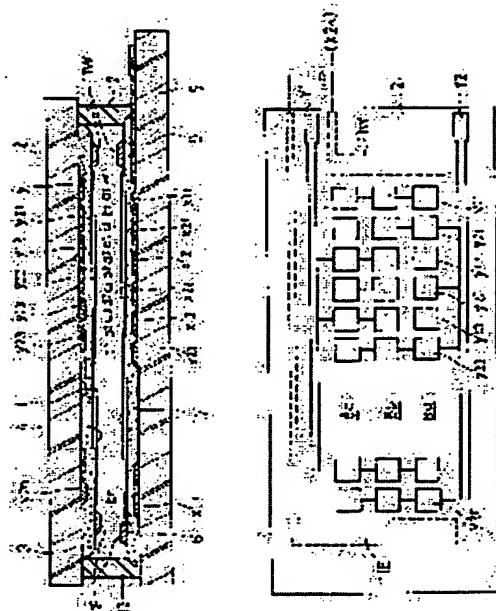
(72)Inventor : SATO KIYOTAKE
WAKITANI MASAYUKI
OKI KENICHI
MIURA TERUNOBU
YAMAGUCHI HISASHI
MIYASHITA YOSHINORI
SHINODA TSUTAE
YOSHIKAWA KAZUO
KURAHASHI KEIZO
KAWADA TOYOSHI

(54) SELF-SHIFT-TYPE GAS ELECTRIC-DISCHARGE PANEL

(57)Abstract:

PURPOSE: To realize a gas electric-discharge panel which has a function of shifting discharge spots, and has a panel structure owing to which any mis-discharge which might be caused accidentally by the omnipresence of unusual charges is prevented.

CONSTITUTION: The inner wall of a glass base plate 2, which is one of opposed glass base plates provided with a gas electric-discharge space 1 formed between them, is provided with two Y-side shift-electrode groups y_{1i} and y_{2i} which are connected to two-phase bus-bars Y_1 and Y_2 alternately through parallel placed lead conductors, and which are covered with a dielectric layer 3 and a surface MgO layer 4. On the other hand, the inner wall of the other glass base plate 5 is provided with two X-side shift-electrode groups x_{1j} and x_{2j} which are connected to different two-phase bus-bars X_1 and X_2 alternately through parallel placed lead conductors, and which are covered with a dielectric layer 6 and a surface MgO layer 7. When charge-leak layers 11W and 11E are provided on the dielectric layers 3 and 6 so that the charge-leak layers 11W and 11E are near both end cells of the shift channels, wall charges which are not necessary for shift discharge and exist over parts of the dielectric layers corresponding to the above both end cells rapidly leak through the charge-like layers 11W and 11E. As a result, any unusual accumulation of charges which might cause mis-discharge is prevented.



LEGAL STATUS

[Date of request for examination]

This Page Blank (uspto)

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C) 1998,2003 Japan Patent Office

This Page Blank (uspto)